

|   | Hits | Search Text   | DBs                       |
|---|------|---|---------------------------|
| 1 | 0    | (photo\$1diode\$1<br>photo\$1detector\$1<br>photo\$1sensor\$1)<br>and optic\$3 and<br>bias near2 poiont<br>same bias\$1   | US-PGPUB; USPAT           |
| 2 | 618  | (photo\$1diode\$1<br>photo\$1detector\$1<br>photo\$1sensor\$1)<br>and optic\$3 and<br>bias near2 point<br>same bias\$1  | US-PGPUB; USPAT           |
| 3 | 489  | (photo\$1diode\$1<br>photo\$1detector\$1<br>photo\$1sensor\$1<br>APD) same optic\$3<br>and bias near2<br>point same bias\$1   | US-PGPUB; USPAT           |
| 4 | 12   | "801711"  | US-PGPUB; USPAT           |
| 5 | 100  | (photo\$1diode\$1<br>photo\$1detector\$1<br>photo\$1sensor\$1<br>APD) same optic\$3<br>and bias near2<br>point same bias\$1<br>and (bit adj error<br>adj rate signal<br>adj noise near2<br>ratio) | US-PGPUB; USPAT           |
| 6 | 3    | ("5808760"  <br>"5953690"  <br>"6072609").PN.   | US-PGPUB; USPAT;<br>USOCR |
| 7 | 46   | (avalanche adj<br>photo\$1diode APD)<br>same voltage\$1<br>same bias\$3 and<br>bit near3 error\$1   | US-PGPUB; USPAT           |

|    | Hits | Search Text   | DBs                       |
|----|------|---|---------------------------|
| 8  | 3709 | (250/214R).CCLS.  | US-PGPUB; USPAT;<br>USOCR |
| 9  | 618  | (photo\$1diode\$1<br>photo\$1detector\$1<br>photo\$1sensor\$1)<br>and optic\$3 and<br>bias near2 point<br>same bias\$1                  | US-PGPUB; USPAT           |
| 10 | 3    | ((("5953690") or<br>("6222660") or<br>("6313459"))).PN.   | US-PGPUB; USPAT;<br>USOCR |
| 11 | 9    | ("4236069"  <br>"4495410"  <br>"4599527"  <br>"5004907"  <br>"5015839"  <br>"5396059"  <br>"5548112"  <br>"5953690"  <br>"6157022").PN. | US-PGPUB; USPAT;<br>USOCR |
| 12 | 3    | ("5808760"  <br>"5953690"  <br>"6072609").PN.   | US-PGPUB; USPAT;<br>USOCR |

|    | Hits | Search Text  | DBs                       |
|----|------|--|---------------------------|
| 13 | 27   | ("4009385"  <br>"4081670"  <br>"4166985"  <br>"4292606"  <br>"4347610"  <br>"4355395"  <br>"4369525"  <br>"4443695"  <br>"4539686"  <br>"4577320"  <br>"4580044"  <br>"4611352"  <br>"4663760"  <br>"4677632"  <br>"4689795"  <br>"4698817"  <br>"4733398"  <br>"4878225"  <br>"4890288"  <br>"4903273"  <br>"4918681"  <br>"4928284"  <br>"5019769"  <br>"5025447"  <br>"5286969"  <br>"5396059"  <br>"5488621") .PN. | US-PGPUB; USPAT;<br>USOCR |
| 14 | 15   | S8 and S9  | US-PGPUB; USPAT           |
| 15 | 0    | (359/189) .CCLS.   | US-PGPUB; USPAT;<br>USOCR |
| 16 | 0    | (359/193) .CCLS.   | US-PGPUB; USPAT;<br>USOCR |
| 17 | 1    | ("6222660") .PN.   | US-PGPUB; USPAT;<br>USOCR |
| 18 | 54   | (398/213) .CCLS.   | US-PGPUB; USPAT;<br>USOCR |
| 19 | 361  | (398/154) .CCLS.   | US-PGPUB; USPAT;<br>USOCR |
| 20 | 193  | (398/212) .CCLS.   | US-PGPUB; USPAT;<br>USOCR |